

# HARVEY MEDICAL COURSE

The First Medical Course in Italy taught in English



UNIVERSITÀ  
DI PAVIA

**“Not just to teach the medical profession  
but also to build a solid scientific basis for continued training  
that will be vital for the reception and understanding  
of future medicine”  
Harvey Motto**

## OVERVIEW

In 2009, the University of Pavia in collaboration with the Department of Molecular Medicine introduced the “Harvey Course”, a Master’s Degree in Medicine and Surgery entirely taught in English, including six years of study.

The Harvey Course arises from the need for an international (i.e. English language) medical school in Italy. The curriculum combines the long- established Italian teaching methods with the modern paradigms of interactive learning. Harvey trainees evolve into well-rounded doctors through a new wide-ranging program of study and a good deal of practical training in the laboratory and in the clinic.

This includes a rigorous and practical seminar program. Harvey’s carefully selected lecturers are top of the line scientists and clinicians. The lecturers deliver cutting-edge science in a highly integrated and interesting manner. These specialists have all logged in long hours of real-world experience through teaching and research in Italy and/or in English speaking countries such as the USA or the UK.

Our goal is to train doctors who are aware of the most advanced medical technologies but equally conscious that disease is greatly impacted by local social and economic factors.

Future physicians must be able to customize care to fit each situation, clinic or country in order to provide the best available individual care. Opportunities await the Harvey graduate. Upon completion, there are 40 different specialization schools to choose from. Research, teaching and medical training are offered at several clinics in Pavia’s hospitals & institutes.

## CONTACTS

**Harvey Medical Course**  
Via Forlanini 6 Pavia - 27100 Italy  
[harveycourse@unipv.it](mailto:harveycourse@unipv.it)

**Welcome Point**  
tel. +39 0382 984021  
[welcomepoint@unipv.it](mailto:welcomepoint@unipv.it)

**Orientation Office**  
tel.+39 0382 98 4218

[www.unipv.eu](http://www.unipv.eu)

COURSE CALENDAR

The single 6-year course encompasses pre-clinical and clinical subjects. It ultimately results in a Degree in Medicine and Surgery. The academic calendar is organized into two 13-week semesters, usually from October to June: 11 weeks for course delivery, 1 for revision and 1 for exams.

PRE-CLINICAL TRAINING

The first three years provide a strong foundation in scientific methodology and recent medical advances, notably from molecular studies of living systems and disease processes. The syllabus includes standard key subjects (figure) and several new core subjects that wi-den the student's understanding of the scope and chal-lenges of modern medicine. Lectures emphasize that health promotion and disease control depends both on advances in medical science as well as social policy. Additionally, students engage in practical laboratory-based work in order to develop a strong science-based approach to medicine.

CLINICAL TRAINING

The study materials build on modern and rigorous principles of clinical science for better diagnosis and treatment. Clinical training includes effective communication with patients and staff, accurate clinical histories, physical examinations and improved differential diagnosis by interpretation of additional data (imaging, laboratory-based, proteomics, etc). With an emphasis on personalized precision medicine, clinical lecturers blend theoretical and practical knowledge to engage in systematic case-based discussions and offer strong internship programs guided by the students' needs, aspirations and choices. The course encourages a critical approach to medicine and timely feedback in a comprehensive and constructive manner. The Harvey course hosts grand rounds and specialty seminars to portray the latest available evidencebased practices. This builds a strong foundation for life-long learning of basic science, clinical research and medical practice.

|        | PRE-TERM               | SEMESTER 1         |                                   | SEMESTER 2                       |   |
|--------|------------------------|--------------------|-----------------------------------|----------------------------------|---|
| YEAR 1 | Basic Sciences         | Living Molecules   | Scientific Foundation of Medicine | Structures of the body           | Social roots of Health                      |
|        | SEMESTER 1             |                    | SEMESTER 2                        |                                  |   |
| YEAR 2 | Functions of the body  | Ethics and Society | Biology of disease                | Laboratory of Medicine           |   |
|        | SEMESTER 1             |                    | SEMESTER 2                        |                                  |   |
| YEAR 3 | Clinical Foundations   | Systemic Pathology | Drug Discovery                    | Blood & Endocrine System Disease | Practicals<br>Disease Control & Eradication |
|        | SEMESTER 1             |                    | SEMESTER 2                        |                                  |   |
| YEAR 4 | Psychiatric Diseases   | Sensory System     | Heart & Lungs                     | GI & Urinary Tacts               | Soft Tissue Diseases<br>Clinical Cases      |
|        | SEMESTER 1             |                    | SEMESTER 2                        |                                  |   |
| YEAR 5 | Child & Woman's Health | General Surgery I  | General Surgery II                | Pharmacology                     | Clinical Cases                              |
|        | SEMESTER 1             |                    | SEMESTER 2                        |                                  |   |
| YEAR 6 | Clinical Medicine      |                    | Clinical Cases                    | Degree Thesis                    |   |

## MEET STUDENTS AND STAFF

CHIARA - Fossano, Italy



"Pavia and Harvey are like a breath of fresh air! I could not be happier. I have the chance to start working towards my goals and meet people from across the globe, just a two-hour drive from my hometown."

DIANA TRAN - Anatomy Professor



"I teach as I was taught in Los Angeles. My class is demanding and rewarding. I love watching the student blossom as they begin to solve clinical problems and build self-confidence. To me, Harvey students are open-minded, ambitious and respectful."

HENRIETTE - South Africa



"I chose Pavia because not only is it the longest running English medical program in Italy, but also the most international. I've enjoyed making friends and learning about cultures from all over the world."

MONICA GALLIANO - Dean of the Harvey, Biochemistry Professor



"As Dean of the Harvey Course, I'm mainly in charge of the organisational aspects of the medical course. I find the multicultural ambiance of the medical course extremely stimulating and enriching, for both lecturers and students. In class, the interaction among students and lecturers alike is very enriching. Also, Harvey students are very organised and glad to collaborate for the continued improvement of the course."

OMRI - Tel Aviv, Israel



"When I decided to follow my dreams, I had the dilemma of choosing the right medical school for me. My dreams came true with UniPV. It is an internationally known, high-rated university with courses taught in English. Another plus is that Pavia is 'student-sized' with everything I need close by. Without a doubt, it was the right choice for me."

STEFANO PERLINI - Vice Rector, Internal Medicine Professor



"The Harvey Medical Course is becoming more and more international, with students literally coming from everywhere. This sets the stage for international teaching and research collaboration, and gives a wonderful opportunity to students and lecturers to gain a better insight in Medicine. It is really a privilege to work for this program and to have a chance to share with international students the history of the University of Pavia."

## THE UNIVERSITY OF PAVIA

The University of Pavia is one of the world's oldest academic institutions. Founded in 1361, it was the only university in the Milan area and the region of Lombardy until the 20th century. Today, the University hosts 24,000 students and 900 academic staff from Italy, Europe, and overseas.

## CITY OF PAVIA

Pavia is a small medieval city in Northern Italy (pop. 70,000) located 30 km south of Milan. Founded in Roman times, Pavia (then called 'Ticinum') was the capital of the Kingdom of Lombards for over two centuries. Life in Pavia is both pleasant and affordable. The city center is a maze of narrow streets and ancient churches. The University campus offers many cultural events, museum exhibitions, festivals, concerts, and sports. From Pavia, take a short day trip north to explore Lake Como & Maggiore or to ski on the Italian Alps. To the south, hike the Cinque Terre coastline, bask in the art of Florence or treat yourself to the world-famous cuisine of Emilia Romagna

## GEMS OF PAVIA

### Health - New Hospitals

The University combines treatment and research in three leading teaching hospitals that employ over 12,000 health professionals. Collaborations exist with several other research hospitals and with local hospitals in the Regional Hospital Agency, like Città di Pavia. The Policlinico San Matteo, built in the 15th century, recently added three new hospital wings, allowing for more than 500 new beds. Specialties address a wide range of medical conditions.

Fondazione S. Maugeri, originally founded in the 1960s as a center for occupational medicine, later extended its reach to rehabilitation and internal medicine, oncology, and surgery.

The Neurological Institute C. Mondino has provided high standards of care, teaching, and research on diseases of the nervous system for over 100 years.

### Technology - State-of-the-art Institutes

The University and other research institutes play a key role in advancing Pavia to be a leader in cutting edge technology.

The national Hadrontherapy Center for Cancer Treatment (CNAO), the only such research center in Italy and one of 5 worldwide, combats cancer through proton and carbon ion beams.

The Laboratory of Applied Nuclear Energy (LENA) is an Interdepartmental Research Centre operating a nuclear reactor for research, training, and education activities.

The University of Pavia supports collaboration among researchers, local institutes and private companies by funding new start-ups with the Mind the Bridge Foundation.

### Research - Scientific Stronghold

The University of Pavia long tradition of outstanding research is demonstrated, by three of its faculty being awarded hold the Nobel Prize: Camillo Golgi, Giulio Natta and Carlo Rubbia.

Alessandro Volta and Lazzaro Spallanzani were amongst the great scientists in Pavia. Notably, Leonardo da Vinci performed human dissections here during the early discovery of Anatomy.

Many clinical networks operate within Pavia's abundant and diverse medical institutions. The University has created 28 research centers, 17 PhD programs and 42 interdepartmental programs that, in 2013, resulted in 7 international patents, from biology and physics to engineering. Recently, the University launched Universitiamo: the first Italian crowdfunding university project platform.

KEY  
MEDICAL  
TDCS

## ADMISSION PROCESS

The only requirement for admission to the Harvey Course is to pass the Italian Medical Admission Test (IMAT) in English.

## FREQUENTLY ASKED QUESTIONS

Q: What are the requirements to enroll in the IMAT admissions test?

A: A high-school diploma and completion of at least 12 years of education.

For US applicants, 3 APs in 3 different scientific subjects are required to enrol.

Q: Do I have to take the IMAT in Italy?

A: No, not at all. There are test centers in major cities all over the world.

Q: What are my chances of getting in?

A: We reserve 100 places for the incoming class.

Probability of admission

depends on the candidate pool each year.

Q: How do I pass the IMAT test?

A: The Italian Ministry of Education sets a minimum passing score out of 60 points; this sets the entrance level each year.

Q: Do I need to know Italian?

A: All studies will be in English; however, students generally learn Italian by 3rd year before hospital training because they start to interact with Italian patients and staff, who frequently only speak Italian.

Q: What level of English is required?

A: Applicants are expected to already have strong command of written and spoken English. The IMAT in English naturally selects applicants with satisfactory proficiency.

Q: How much does it cost?

A: The average student pays around 1,200 € (\$ 1,340) for annual tuition, but these fees can be subsidized and depend on the student's socio-economic status.

Q: Is Pavia expensive?

A: Not compared to Milan or Rome. Living expenses can be as low as 600 € (\$ 670) per month including housing.

Q: Are there scholarships?

A: Scholarships and work are available to all students, regardless of nationality. Some colleges take into account family income to set college fees. Contact the EDI-SU office #www.edisu.pv.it

## PAVIA STUDENTS' RESIDENCES

Like Oxford and Cambridge in the UK, Pavia has a unique college system dating back to the 16th century. Each of Pavia's 20 colleges has its own history and opportunities. College life aims at creating an open community where academic achievements, social life, and sport activities feature strongly. To date, there are a total of 20 University colleges, some of which are centuries old.

## TO-DO LIST

#IMAT: [universitaly.it](http://universitaly.it)

#Enroll: [studentonline.unipv.it](http://studentonline.unipv.it) #Welcome: [welcome-point.unipv.it](http://welcome-point.unipv.it)

### IMAT

- Study, Study, Study
- Enroll on UniversItaly
- ACE THE TEST

### VISA

- Visit Italian Embassy
- Start ASAP (before IMAT)

### ENROLL

- Check IMAT rankings
- Enroll ONLINE
- Pay tuition ONLINE

### GET STARTED

- Buy tickets to Pavia
- Find a place to live
- Drop by Welcome Point

## WHERE DO HARVEY STUDENTS COME FROM?

